

PROCEEDINGS AT THE 923RD GENERAL MEETING

The 923rd General Meeting of the Academy was held on Thursday, November 12, 1998, at 1:05 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty-five members were present, and the following communications were made:

- Hate speech Masami ITO, M. J. A.
 The importance of solid-state plasma fusion and new system of interdisciplinary collaboration
 Yoshiaki ARATA, M. J. A.
 The importance of "sono-implantation". Yoshiaki ARATA, M. J. A., and Yue-Chang ZHANG
 Responses of three dipterocarp species to light regime
 Takeshi TANGE, Kazuhiro HARADA, Katsumi KOJIMA, and Satohiko SASAKI
 Communicated by Saburo TAMURA, M. J. A.
 Methylation of adenine bases at the N⁶H₂ groups decreases the melting temperature of the DNA duplex
 independently of the nucleotide sequence.
 Tomoko YAMASAKI, Kazuhiko YAMASAKI, and Masashi SUZUKI
 Communicated by Setsuro EBASHI, M. J. A.
 The semilattices of nilextensions of left groups and their varieties Zhonghao JIANG and Liming CHEN
 Class number two problem for real quadratic fields with fundamental units with positive norm
 Fitnat KARAALI and Hülya İŞCAN
 Above two, communicated by Shokichi IYANAGA, M. J. A.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, the Chairmen of both Sections made reports on matters dealt with in the respective Sectional Meetings.

Next, a recommendation submitted by Section II to elect Dr. C. N. Ramachandra RAO (Solid Chemistry) an Honorary Member of the Academy was approved unanimously.

The President then reported that, on behalf of the Japan Academy, he had invited Dr. Hyun-Jae LEE, President of the National Academy of Sciences of the Republic of Korea, and an agreement on scientific exchanges between the two Academies had been concluded.

Finally, the President reported that the Twenty-ninth meeting of the Japan Academy Public Lectures was opened to the public in the Academy Auditorium at 2:00 p.m. on Saturday, October 24, 1998, with Dr. Akira MIKAZUKI, M. J. A., and Dr. Gakuzo TAMURA, M. J. A., as speakers, whose respective subjects were:

"Japanese Law and Asian Laws. Towards the 21st Century".

"Great Power of Minute Microbes".

The Meeting adjourned at 4:16 p.m.

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PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

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